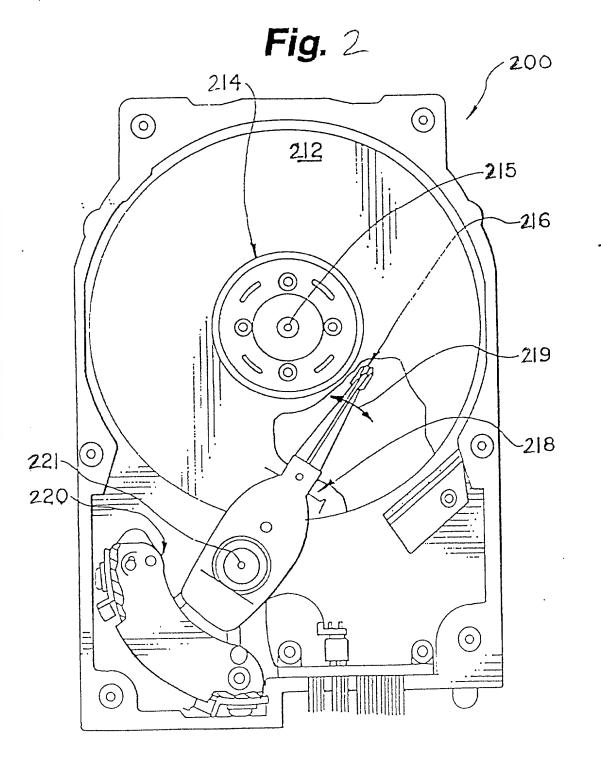
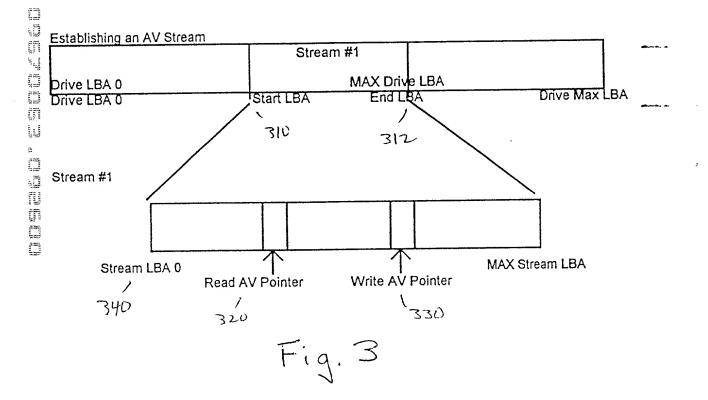
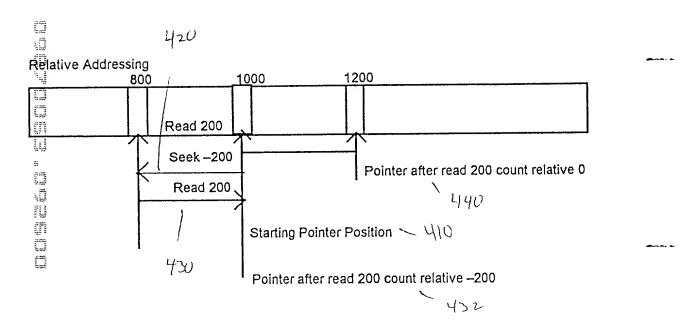
FIG. 1







F19.4

510	520 530
Feature Register value	Feature Description
OBh .	Enable AV Stream mode
0Ch	Enable Read Continuous operation
0 Dh	Enable Time-base ERP Limitation for Read
0Eh	Enable Time-base ERP Limitation for Write
0Fh	Enable AV Write Cache
88h	Disable AV Stream mode
8Ch	Disable Read Continuous operation
8Dh	Disable Time-base ERP Limitation for Read
8Eh	Disable Time-base ERP Limitation for Write
8Fh	Disable AV Write Cache

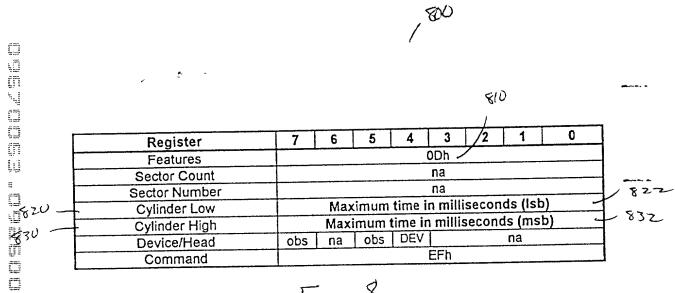
Fig. 5

, • · ·	l	LOD			(al)	0		20 ,000, 0
Register	7	6	5	4	3 1/2	1	0	7
Features		·	'	(OBh /		1	-
Sector Count					na		· · · · · · · · · · · · · · · · · · · ·	7
Sector Number			· *		na			7
Cylinder Low					na			7
Cylinder High					na			7
Device/Head	obs	na	obs	DEV		na		7
Command				E	=Fh			

Fig. 6

Register	7	6	5	4	3	/2	1	0
Features					0Ch /			
Sector Count				na				ER /
Sector Number					na			
Cylinder Low					na			
Cylinder.High					na			
Device/Head	obs	na	obs	DEV			na	
Command					EFh			

Fig. 7



F19. 8

90U 1

		910
	Register	7 6 5 4 3 /2 1 0
	Features	0Eh 9/2
	Sector Count	na
914	Sector Number	na ER - 916
924	Cylinder Low	Maximum time in milliseconds (Isb)
975	Cylinder High	Maximum time in milliseconds (msb)
٠, ٨	Device/Head	obs na obs DEV na 932
	Command	EFh

Fig. 9

1000 1010 2 0 6 5 4 3 Register na Features Sector Count na na Sector Number Cylinder Low na Cylinder High Device/Head na na obs DΕV na obs Command FAh F19 10 1020 1110 1 0 5 4 3 7 6 Register ABRT na na na na na Error na na Sector Count na Sector Number na Cylinder Low na Cylinder High na Device/Head obs DEV na obs na ERR DRDY DF DRQ na Status BSY na na

F19. 11

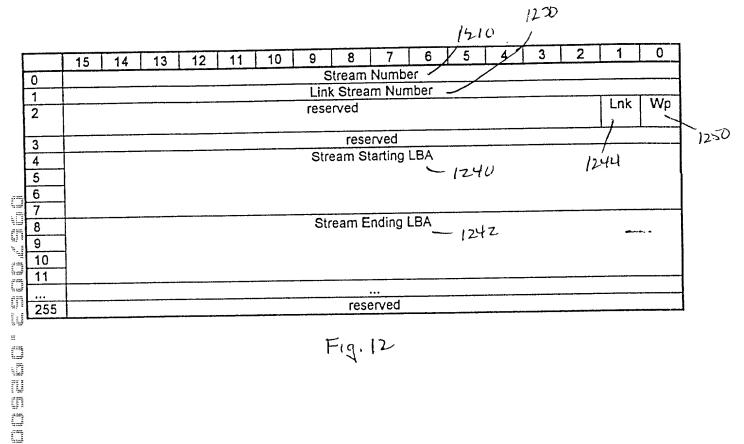


Fig. 12

,1300

						2	14	0	
Register	7	6	5	4	3				
Features				Stream		ber			
Sector Count					na		····		
Sector Number		na							
Cylinder Low					na				
Cylinder High					na				
Device/Head	obs	na	obs	DEV	<u> </u>		<u>na</u>		
Command					FAh				

Fig. 13

1400 1410 4 3 2 1 0 Register 5 7 6 ABRŤ na na na na na Error na na Sector Count па Sector Number na Cylinder Low na Cylinder High na obs Device/Head DEV obs na na ERR Status DRQ BSY DRDY DF na na na

F19.14

1500				1520				
Register	7	6	5	4	3	2	1	C
Features			A'	V Strea	am Nu	mber		
Sector Count		na						
Sector Number	na							
Cylinder Low					na			
Cylinder High					na			
Device/Head	obs	na	obs	DEV			na	
Command					FCh 🔍			
						1510)	

F19.15

Register	7	6	5	4	3	2	1	0				
Error				n	а							
Sector Count				n	а							
Sector Number		na										
Cylinder Low		na										
Cylinder High				n	а							
Device/Head	obs	na	obs	DEV		n	а					
Status	BSY	DRDY	DF	na	DRQ	na	na	ERR				

Fig. 16

1824 -

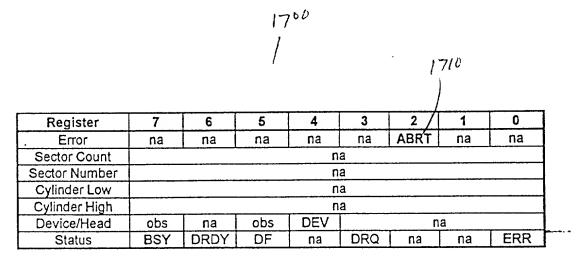


Fig. 17

1820

Register	7	6	5	4	3	2	1	0	
Features				V Strea					
Sector Count				Funct		ode			
Sector Number	LBA								
Cylinder Low	LBA								
Cylinder High	LBA								
Device/Head	obs LB obs DEV LBA								
		A	<u> </u>	<u> </u>					
Command					C3h \				
	1822								
	F)	5.1	E			,			
	•	Λ.							

1900 1920 /

Value in Sector Count	Action	
0	Set the Read AV Pointer	
1	Set the Write AV Pointer	
2	Return the Read AV Pointer	/ >
3	Return the Write AV Pointer	
4-255	Reserved	

Register	7	6	5	4	3	2	1	0
Error				Stream	Number			
Sector Count				Functio	n Code			
Sector Number				LE	3A			
Cylinder Low				LE	3A			
Cylinder High				LE	3A			
Device/Head	obs	LBA	obs	DEV		L	BA	
Status	BSY	DRDY	DF	na	DRQ	na	na	ERR

F18 20

Register	7	6	5	4	3	2	1	0			
Error	na	na	na	na	na	ABRT	па	na			
Sector Count				'n	a	<u> </u>					
Sector Number					a						
Cylinder Low		na									
Cylinder High				n	a		***************************************				
Device/Head	obs	na	obs	DEV		n	a				
Status	BSY	DRDY	DF	na	DRQ	na	na	ERR			

Figzl

Register	7	6	5	4	3	2	1	0) 2	21
Features			Α	V Stre	am Nu	mber		***************************************		
Sector Count				Sect	or cou	nt			22	20
Sector Number			i	Relativ	e Add	ress				
Cylinder Low			ı	Relativ	e Add	ress				
Cylinder High			1	Relativ	e Add	ress			12240)
Device/Head	obs	LB A	obs	DEV	l	Relativ	e Add	ress	1	
Command			•		CEh				7221	\mathcal{U}

Register	7	6	5	4	3	2	1	0				
Error		na										
Sector Count		na										
Sector Number		LBA										
Cylinder Low		LBA										
Cylinder High		LBA										
Device/Head	obs	na	obs	DEV	LBA							
Status	BSY	DRDY	DF	na	DRQ	na	PP.	ERR				
								2310				

Fig. 23

2400

Register	7	6	5	4	3	2	1	0	
Error	ICRC	WP	MC	IDNF	MCR	ABRT	NM	na	
Sector Count	na								
Sector Number	na								
Cylinder Low	na								
Cylinder High	na								
Device/Head	obs	na	obs	DEV	na				
Status	BSY	DRDY	DF	na	DRQ	na	na	ERR	

Fig 24

7 | 6 | 5 | 4 | 3 | 2 | 1

AV Stream Number

2500

Register 0 AV Stream Number Features 2520 Sector count Sector Count Relative Address Sector Number Relative Address Cylinder Low Cylinder High Relative Address Relative Address - 2540 Device/Head obs LB obs DEV Command CFh 2510 Fig. 25 2530

ت ر به ∗

2600

Register	7	6	5	4	3	2	1	0			
Error	na										
Sector Count		na									
Sector Number	na										
Cylinder Low	na										
Cylinder High	na										
Device/Head	obs	na	obs	DEV	na						
Status	BSY	DRDY	DF	PP 、	DRQ	na	na	ERR			
				`	V 110						

Fig. 26
2010

Register	7	6	5	4	3	2	1	0		
Error	ICRC	WP	MC	IDNF	MCR	ABRT	NM	DFER		
Sector Count	na									
Sector Number	LBA									
Cylinder Low	LBA									
Cylinder High	LBA									
Device/Head	obs	na	obs	DEV	LBA -					
Status	BSY	DRDY	DF	na	DRQ	na	na	ERR		

Fig. 27

2800~

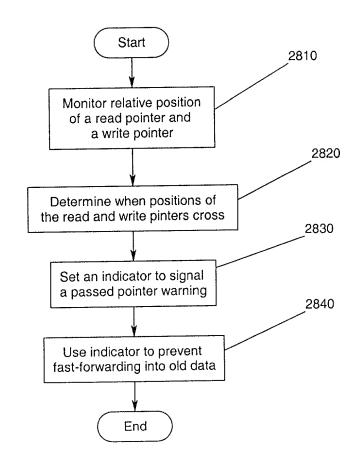


Fig. 28